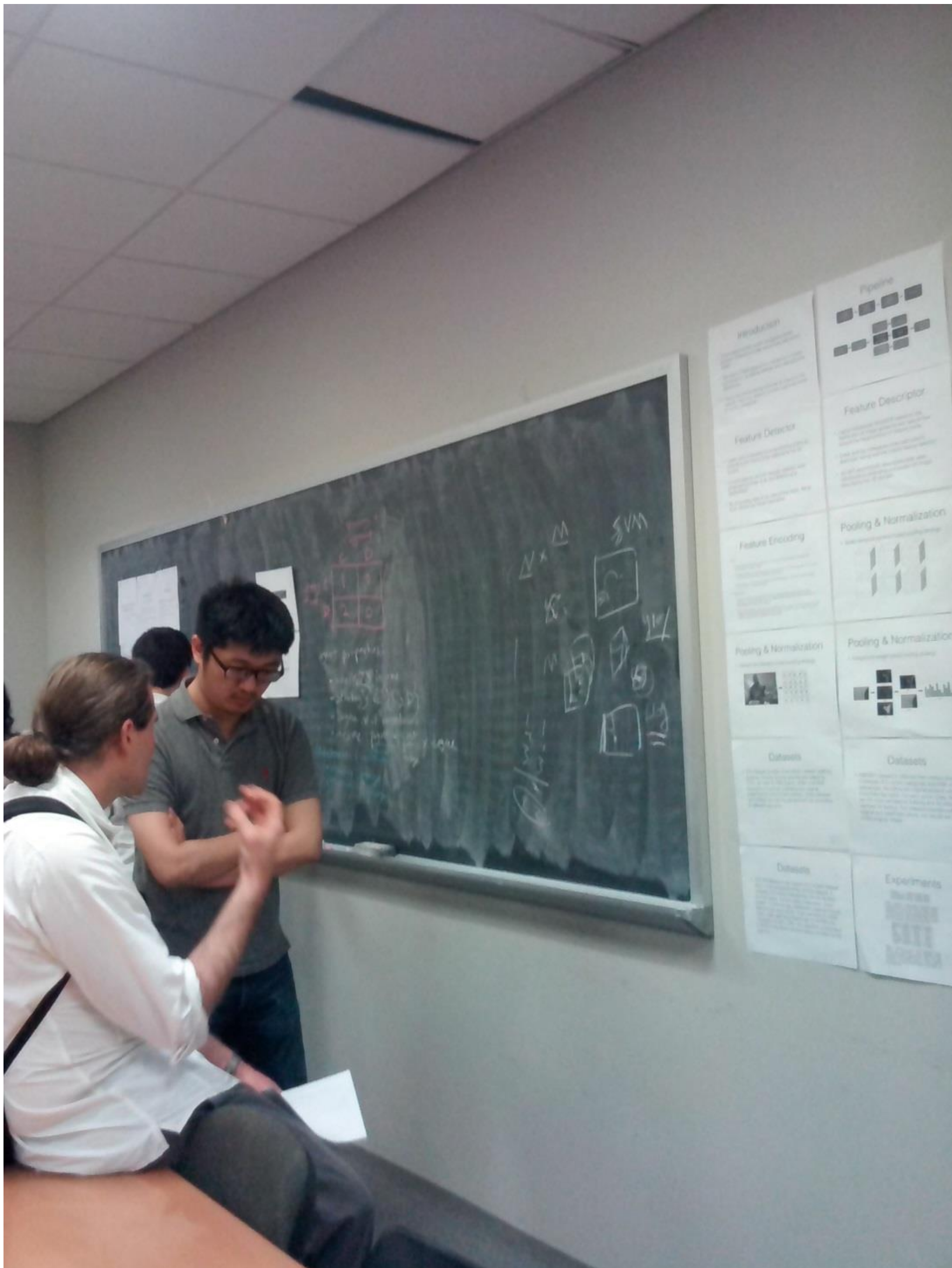
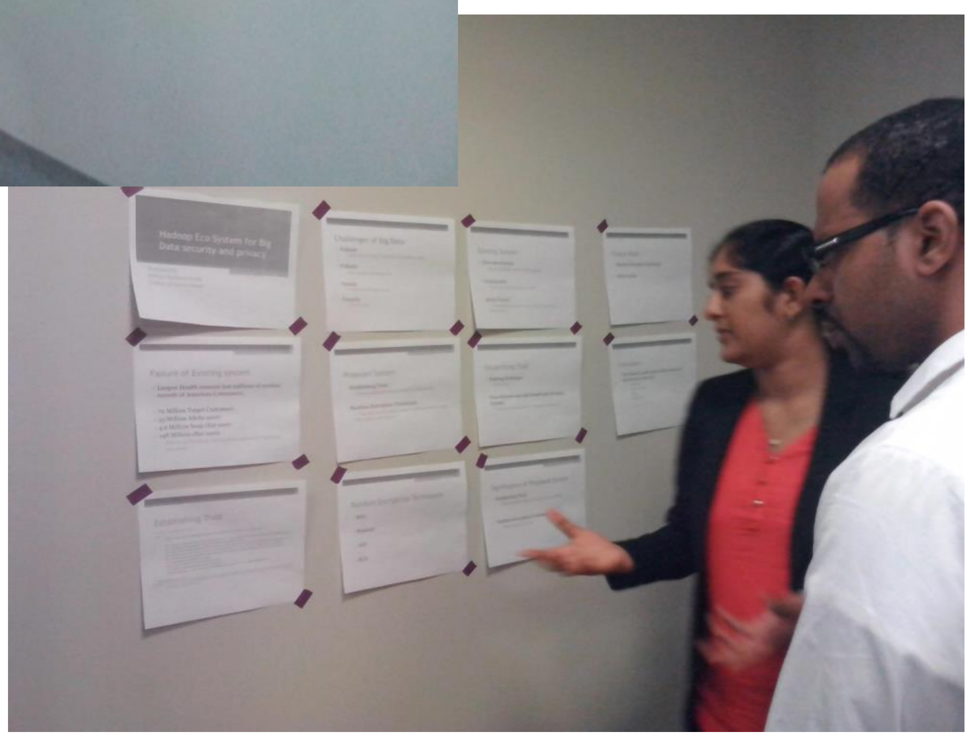
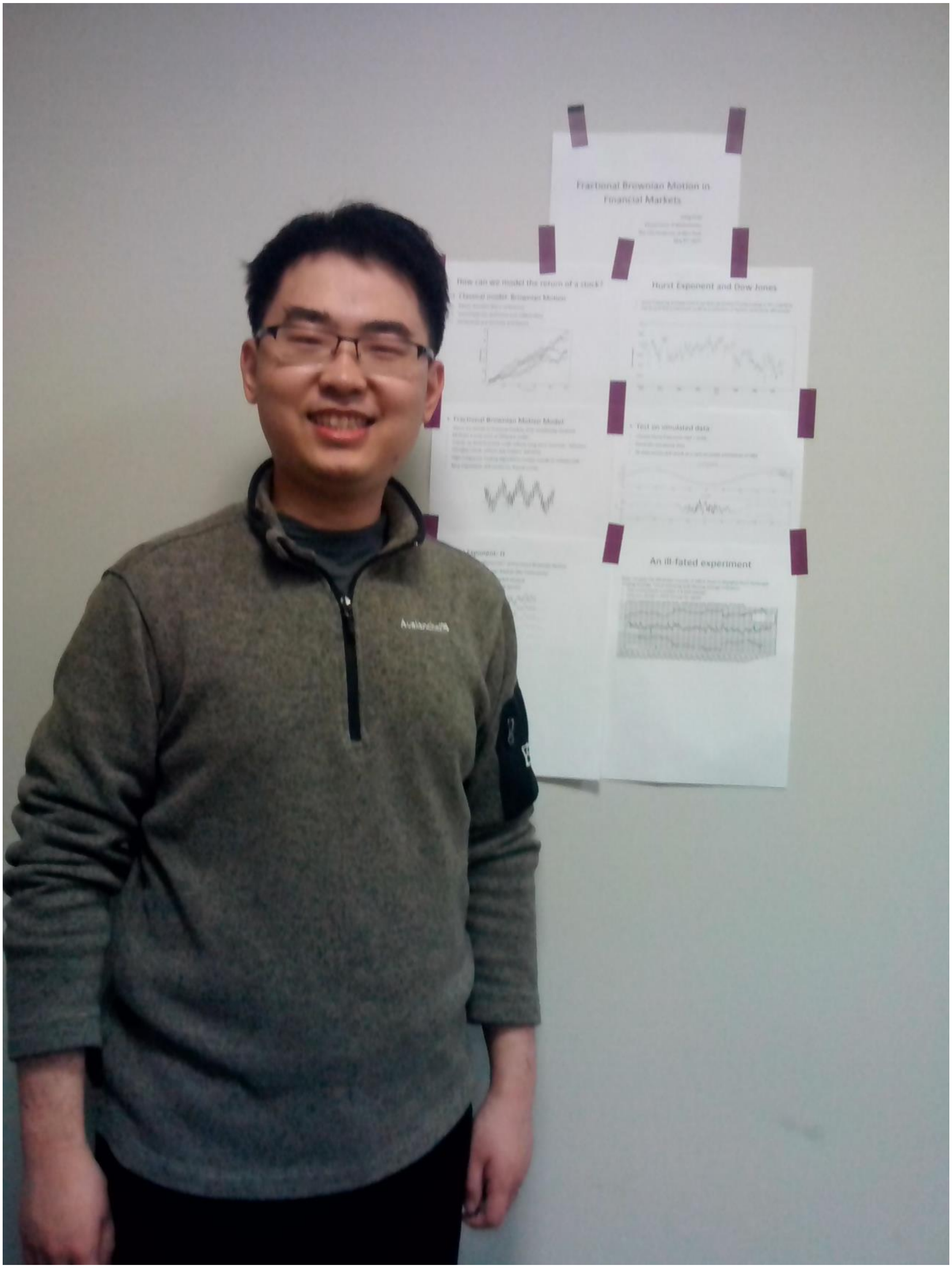
Big Data Analytics: Poster Presentation Day

Spring 2015

Predicting Bad Loans Using Machine Learning
Dataset
Dataset Clean Up
Model Overview
Response Variable Specification
Logistic Regression Results
Combined Ridge and Lasso Penalties


Pipeline
Introduction
Feature Descriptor
Feature Detector
Pooling & Normalization
Feature Encoding
Pooling & Normalization
Pooling & Normalization
SVM
Datasets
Datasets
Datasets
Experiments


Hadoop Eco System for Big Data security and privacy
Challenges of Big Data
Failure of Existing system


Fractional Brownian Motion in Financial Markets
How can we model the return of a stock?
Classical model: Brownian Motion
Hurst Exponent and Dow Jones
Fractional Brownian Motion Model
Test on simulated data
An ill-fated experiment


Automatic Recognition of Speech Emotion
Introduction
Problems
Data
Features